FILE NOTATIONS

Entered in NID File .....✓.....
Location Map Pinned .....✓.....
Card Indexed .....✓.....

Checked by Chief .....
Approval Letter .....
Disapproval Letter .....

COMPLETION DATA:

Date Well Completed 5-29-80

Location Inspected ...

Bond released
State or Fee Land ...

OW..... WW..... TA.....
GW..... OS..... PA.✓...

LOGS FILED

Driller's Log.....✓.....
Electric Logs (No.) .....✓.....

E..... I..... Dual I Lat..... GR-N.....
BHC Sonic GR..... Lat..... MI-L..... Sor
CBLog..... CCLog..... Others.....

Form 9-331 C
(May 1963)

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK: DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. TYPE OF WELL: OIL WELL [X] GAS WELL [X] OTHER — SINGLE ZONE [X] MULTIPLE ZONE [ ]

2. NAME OF OPERATOR: CIG EXPLORATION, INC.

3. ADDRESS OF OPERATOR: P. O. BOX 749, DENVER, CO 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface: 1838' FWL & 1867' FSL SECTION 26-T10S-R21E
At proposed prod. zone: SAME AS ABOVE

5. LEASE DESIGNATION AND SERIAL NO.: U-0129384

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A

7. UNIT AGREEMENT NAME: NATURAL BUTTES UNIT

8. FARM OR LEASE NAME: NATURAL BUTTES

9. WELL NO.: CIGE 26-26-10-21

10. FIELD AND POOL, OR WILDCAT: BITTER CREEK FIELD

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: SECTION 26-T10S-R21E

12. COUNTY OR PARISH: UINTAH

13. STATE: UTAH

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: APPROXIMATELY 15 MILES SE OF OURAY, UTAH

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any): 1838' FWL

16. NO. OF ACRES IN LEASE: 1280

17. NO. OF ACRES ASSIGNED TO THIS WELL: N/A

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.: Approx. 2,750'

19. PROPOSED DEPTH: 5800'

20. ROTARY OR CABLE TOOLS: ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 5402' UNGRADED GROUND

22. APPROX. DATE WORK WILL START*: November 1, 1978

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	36#	200'	125 sx
7-7/8"	4-1/2"	11.6#	5800'	CIRCULATE CEMENT BACK TO SURFACE

FRESH WATER AQUAFERS WILL BE PROTECTED WHEN THE LONG STRING IS RUN AND CEMENT IS CIRCULATED TO SURFACE.

SEE ATTACHED SUPPLEMENTS FOR FURTHER INFORMATION:

(1) 10-POINT PROGRAM
(2) BOP SCHEMATIC
(3) 13-POINT PROGRAM
(4) PLAT

State of Utah, Department of Natural Resources
Division of Oil, Gas, and Mining
1588 West North Temple
Salt Lake City, Utah 84116

GAS WELL PRODUCTION HOOKUP TO FOLLOW ON SUNDRY NOTICE.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED F. R. Midkiff TITLE DISTRICT SUPERINTENDENT DATE September 12, 1978
F. R. MIDKIFF

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY W P Martens TITLE ACTING DISTRICT ENGINEER DATE DEC 20 1978

CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

*See Instructions On Reverse Side

NECESSARY FLARING OF GAS DURING DRILLING AND COMPLETION APPROVED SUBJEDT TO ROYALTY (NTL-4)

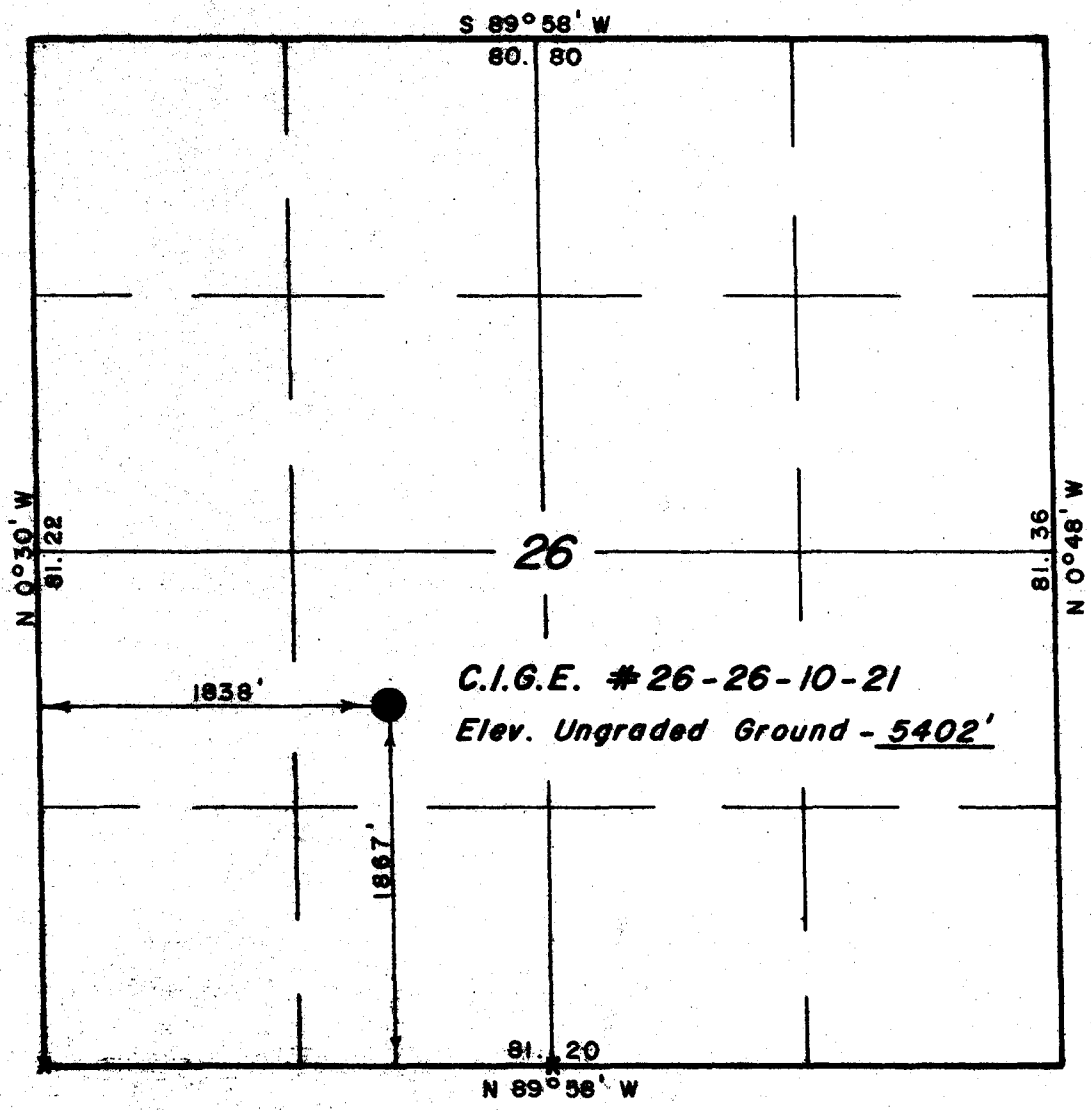
State O&G

PROJECT

C.I.G. EXPLORATION, INC.

Well location, *C.I.G.E. #26-26-10-21*, located as shown in the NE 1/4 SW 1/4 Section 26, T10S, R21E, S.L.B. & M. Uintah County, Utah.

T10S, R21E, S.L.B. & M.



X = Section Corners Located

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Dave Stewart

REGISTERED LAND SURVEYOR
REGISTRATION Nº 3154
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P. O. BOX Q — 110 EAST - FIRST SOUTH
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 9/6/78
PARTY SS DS DJ	REFERENCES GLO Plat
WEATHER Fair	FILE C.I.G.E.


C. I. G. EXPLORATION, INC.
C.I.G.E. #26-26-10-21
TOPO. MAP "A"
N
SCALE: 1" = 4 Mi.
HORSESHOE BEND
Pumping station
Spring Hollow
Left Fork
VERNAL, UTAH
Pelican Lake
OURAY
WONSITS VALLEY
Ouray
R 20 E
River
UINTAH AND OURAY INDIAN RESERVATION
R21E
MOUNTAIN FUEL BRIDGE
Oil Company
Oil tanks
Underground pipeline
Pumping Station
Bonanza
Little Bonanza
Coking plant
Gilsonite
Little Emma
PROPOSED LOCATION
Ranch
Shed
Windmill
Corral

Form 9-331 C
(May 1963)

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK: DRILL [X] DEEPEN [ ] PLUG BACK [ ]

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12. COUNTY OR PARISH: UINTAH

13. STATE: UTAH

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18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	**19. PROPOSED DEPTH**	**20. ROTARY OR CABLE TOOLS**
Approx. 2,750'	5800'	ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 5402' UNGRADED GROUND

22. APPROX. DATE WORK WILL START*: November 1, 1978

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
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7-7/8"	4-1/2"	11.6#	5800'	CIRCULATE CEMENT BACK TO SURFACE

FRESH WATER AQUAFERS WILL BE PROTECTED WHEN THE LONG STRING IS RUN AND CEMENT IS CIRCULATED TO SURFACE.

SEE ATTACHED SUPPLEMENTS FOR FURTHER INFORMATION:

(1) 10-POINT PROGRAM
(2) BOP SCHEMATIC
(3) 13-POINT PROGRAM
(4) PLAT

GAS WELL PRODUCTION HOOKUP TO FOLLOW ON SUNDRY NOTICE.

RECEIVED SEP 14 1978

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED E. R. Midkiff E. R. MIDKIFF TITLE DISTRICT SUPERINTENDENT DATE September 12, 1978

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE APPROVED BY THE DIVISION OF OIL, GAS, AND MINING DATE: 9-19-78

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

BY: C. B. Feight

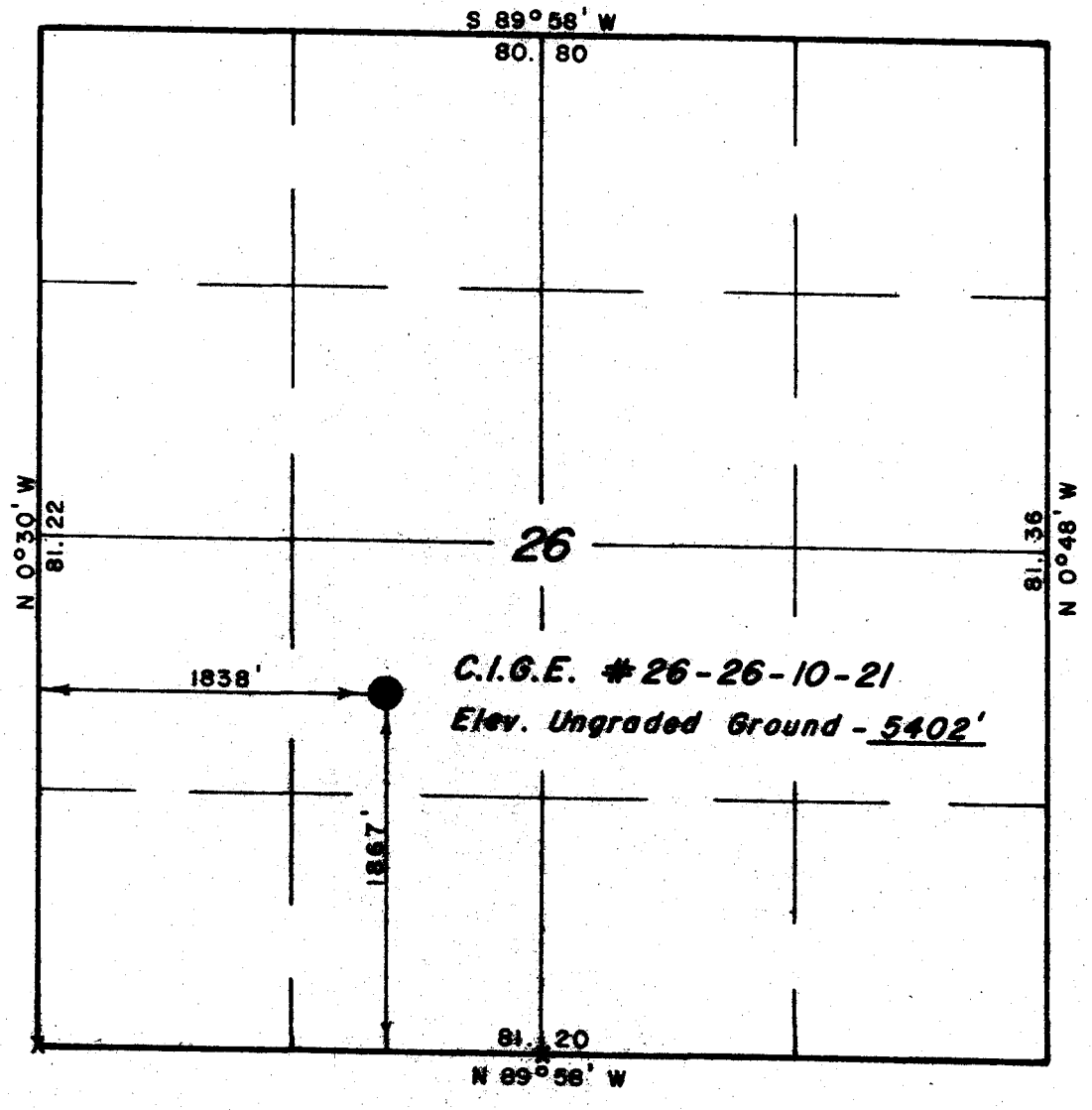
*See Instructions On Reverse Side

PROJECT

C.I.G. EXPLORATION, INC.

Well location, *C.I.G.E. #26-26-10-21*, located as shown in the NE 1/4 SW 1/4 Section 26, T10S, R21E, S.L.B. & M. Uintah County, Utah.

T10S, R21E, S.L.B. & M.



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CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Dana Stewart

REGISTERED LAND SURVEYOR
REGISTRATION No 3154
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P. O. BOX Q — 110 EAST - FIRST SOUTH
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 9/6/78
PARTY SS DS DJ	REFERENCES GLO Plat
WEATHER Fair	FILE C.I.G.E.

CIGE 26-26-10-21
SECTION 26-T10S-R21E
UINTAH COUNTY, UTAH

10-POINT PROGRAM

1. Geologic name of surface formation:

UINTA

2. The estimated tops of important geologic markers:

GREEN RIVER - 1050'
WASATCH - 4250'

3. The estimated depths at which anticipated water, oil, gas are expected to be encountered:

WASATCH - 4250' - GAS

4. The proposed casing program, including the size, grade, and weight per foot each string and whether new or used:

SIZE	GRADE	WEIGHT	
9-5/8"	K-55, ST&C	36#	New
4-1/2"	N-80, LT&C	11.6#	New

5. The Operators' minimum specifications for pressure control equipment which is to be used, a schematic diagram thereof showing sizes, pressure ratings, and testing procedures and testing frequency:

Bottom:
3000# BOP W/4-1/2" pipe rams
3000# BOP W/blind rams
3000# Hydril

Top:
Grant rotating head

Manifold includes appropriate valves, positive and adjustable chokes and kill line to control abnormal pressures.
BOP's will be tested at installation and will be cycled on each trip.

6. The type and characteristics of the proposed circulating medium to be employed for rotary drilling and the quantities and types of mud and weighting material to be maintained:

6. Continued --

The well will be drilled with fresh water from surface to 4500' with a weight of 8.3 to 8.7 . From 4500' to TD the well will be drilled with fresh wtr mud with a weight from 8.7 to 10.4 . Sufficient weighting material (barite) will be on location to increase the mud weight if abnormal pressure is encountered.

7. The auxiliary equipment to be used:
   a. kelly cock
   b. monitoring equipment on the mud system
   c. a sub on the floor with a full opening valve to be stabbed into the drill pipe when the kelly is not in the string.

8. The testing, logging and coring program to be followed:
   No DST's are planned
   No cores are expected to be cut.

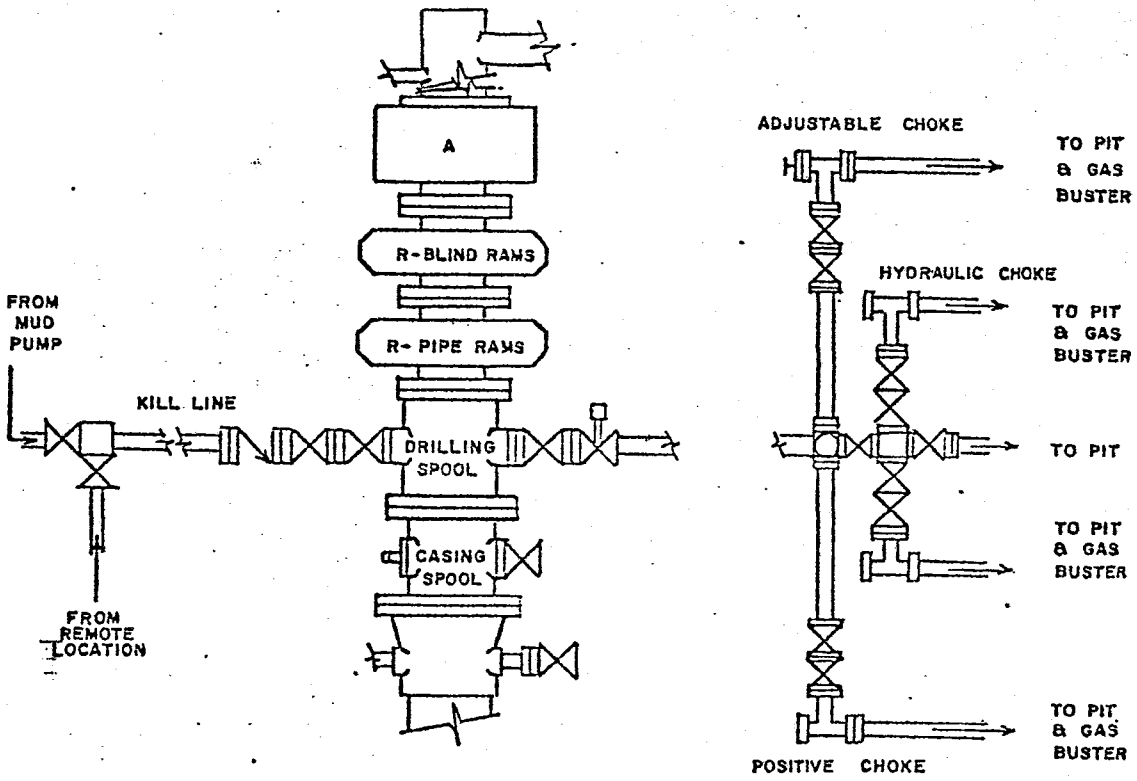
   LOGS: Dual Induction Laterolog
   Compensated Neutron-Formation Density

9. Any anticipated abnormal pressures or temperatures expected to be encountered:
   No abnormal pressures or temperatures expected
   No hydrogen sulfide expected

10. The anticipated starting date and duration of the operation:

    November 1, 1978
    Three weeks' duration

3000 psi psi Working Pressure BOP's



Test Procedure

1) Flush BOP's and all lines to be tested with water.
2) Run test plug on test joint and seat in casing head (leave valve below test plug open to check for leak).
3) Test the following to rated pressure:
   a) inside blowout preventer
   b) lower kelly cock
   c) upper kelly cock
   d) stand pipe valve
   e) lines to mud pump
   f) kill line to BOP's
4) Close and test pipe rams to rated pressure.
5) Close and test Hydril to rated pressure.
6) Back off and leave test plug in place. Close and test blind rams to rated pressure.
7) Test all choke manifold valves to rated pressure.
8) Test kill line valves to rated pressure.

C.I.G. EXPLORATION INCORPORATED

13 Point Surface Use Plan

for

Well Location

C.I.G.E. #26-26-10-21

Located In

Section 26, T10S, R21E, S.L.B. & M.

Uintah County, Utah

C.I.G. Exploration Incorporated
C.I.G.E. #26-26-10-21
Section 26, T10S, R21E, S.L.B. & M.

1. EXISTING ROADS

See attached Topographic Map "A".

To reach C.I.G. Exploration Incorporated, well location C.I.G.E. #26-26-10-21 located in the NE 1/4 SW 1/4 Section 26, T10S, R21E, S.L.B.& M., Uintah County, Utah: proceed Westerly out of Vernal, Utah along U.S. Highway 40, 14 miles to the junction of this road and Utah State Highway 209; proceed South along Utah State Highway 209, 7 miles more or less to the junction of this Highway and Utah State Highway 88; proceed South along Utah State Highway 88-10 miles to Ouray Utah: Proceed [illegible] along a county road known as the Seep Ridge road ± 9 miles to its junction with an oil field service road to the Southeast; proceed Southeasterly on this road 2.4 miles to the junction of this road and a road to the East; proceed Easterly on this road 4.3 miles to the junction of this road and a road to the East; proceed along Easterly another 2.5 miles to the point that a road exits to the South; proceed Southerly on this road 1.8 miles to the point that the planned access road (to be discussed in Item #2) leaves the existing road and proceeds in a Northwesterly direction to the proposed well location.

The Highways mentioned in the foregoing paragraph are bituminous surfaced road to Ouray, Utah at which point the County road is surfaced with native asphalt for ± 4 miles and then is a gravel surface to the aforementioned service roads.

The aforementioned dirt oil field service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the areas they are located in and range from clays to a sandy-clay shale material.

There is no anticipated construction on any portion of the above described roads. They will meet the necessary standards required to facilitate an orderly flow of traffic during the drilling phase, completion phase, and production phase of this well at such time that production is established.

The roads that are required for access during the drilling phase, completion phase, and production phase of this well, will be maintained at the standards required by the B.L.M. or other controlling agencies.

2. PLANNED ACCESS ROAD

See Topographic Map "B".

The proposed access road leaves the existing service road described in Item #1 in the SW 1/4 SE 1/4 Section 26, T10S, R21E, S.L.B. & M., and proceeds in a Northwesterly direction approximately 0.4 miles to the proposed location site in said Section 26.

In order to facilitate the anticipated traffic flow necessary to drill and produce this well, the following standards will be met:

The proposed access road will [illegible] crown road (9' either side of the

2. PLANNED ACCESS ROAD - continued

centerline) with drain ditches along either side of the proposed road where it is determined necessary in order to handle run-off from normal meteorological conditions that are prevalent to the area.

Back slopes along the cut areas of the road will be 1 1/2 to 1 slopes and terraced.

The road will be centerline flagged prior of the commencement of construction.

The grade of this road will vary from flat to 8%, but will not exceed this amount. This road will be constructed from native borrow materials accumulated during construction.

If deemed necessary by the local governmental agencies or their representatives, turnouts will be installed for safety purposes every 0.25 miles or on the top of ridges or at intervals and locations that will provide the greatest sight distance. These turn-outs will be 200' in length and 10' in width and will be tapered from the shoulder of the road for a distance of 50' in length at both the access and outlet ends.

Any fences that are encountered along this access road will be cut and replaced with a cattle guard with a minimum width of 18' and a loading factor large enough to facilitate the heavy trucks required in the drilling and production of this well.

If cattleguards are to be located at existing gates, they will be installed with the above requirements and with a new gate installed at one end of the cattleguard.

The access from the road to the gate will be of such a nature that there will be no impedance of traffic flow along the main access road and no difficulties enounctered by traffic utilizing the gate, either leaving or entering the proposed access road.

The terrain that this access road traverses is relatively flat with some small hills and washes.

The vegetation along this route consists of sparse amounts of sagebrush, rabbitbrush, some grasses, and cacti with large areas that are devoid of vegetation.

3. LOCATION OF EXISTING WELLS

There are other wells within a one mile radius of this well. For exact location of this well within Section 26, T10S, R21E, S.L.B. & M., see the location plat.

4. LOCATION OF TANK BATTERIES, PRODUCTION FACILITIES, AND PRODUCTION GATHERING AND SERVICE LINES

At the present time there are no other C.I.G. Exploration Incorporated batteries, production facilities, oil gathering lines, gas gathering lines, injection, and disposal lines within a one-mile radius.

4. LOCATION OF TANK BATTERIES, PRODUCTION FACILITIES, AND PRODUCTION GATHERING AND SERVICE LINES - continued

In the event production of this well is established, the existing area of the location will be utilized for the establishment of necessary production facilities.

The area will be built, if possible, with native materials, and if these materials are not available then the necessary arrangements will be made to get them from private sources.

The total area needed for the production of this well will be fenced and cattle guards will be utilized for access to these facilities.

The proposed gas flow line will be an 18' right of way which will run in a Northerly direction approximately 1.5 miles to an existing gas well and above-ground pipeline located in the SW 1/4 NE 1/4 Section 23, T10S, R21E, S.L.B. & M. (See Topographic Map "B").

If there is any deviation from the above, then all appropriate agencies will be notified.

5. LOCATION AND TYPE OF WATER SUPPLY

Water to be used for the drilling of this well will be taken from the White River, near the Mountain Fuel Bridge, at a point located in the NE 1/4 Section 17, T9S, R22E, S.L.B. & M. The water will be hauled by truck over existing roads to the proposed location site, a distance of approximately 13 miles.

In the event this is not a suitable source, an alternate source will be used and proper authorities will be notified.

All regulations and guidelines will be followed and no deviations will be made unless all concerned agencies are notified.

6. SOURCE OF CONSTRUCTION MATERIAL

All construction material for the location site and access road shall be borrow materials accumulated during construction of the location site and access road. No additional roads gravels or pit lining material from other sources are anticipated at this time, but if they are required the appropriate actions will be taken to acquire them from private sources.

The native materials that will be used in the construction of this location site and access road will consist of sandy-clay soil and sandstone and shale material gathered in actual construction of the road and location.

7. METHODS FOR HANDLING WASTE DISPOSAL

A reserve and burn pit shall be constructed, and at least half of the depth of the reserve pit shall be below the existing ground surface. All trash and flammable material will be burned in the burn pit. Non-flammable material such as cuttings, salts, chemicals, etc., will be buried in the reserve pit and covered with a minimum of four feet of earth material. Prior to the onset of drilling, the burn pit will be fenced on all four sides with a net wire, and the reserve

7. METHODS FOR HANDLING WASTE DISPOSAL - continued

pit will be fenced on three sides. Upon completion of drilling, the fourth side of the reserve pit will be fenced and allowed to dry completely before backfilling and reclamation are attempted. A portable chemical toilet will be supplied for human waste.

8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. WELL SITE LAYOUT

See attached Location Layout Sheet.

The B.L.M. District Manager shall be notified before any construction begins on the proposed location site and road.

As mentioned in Item #7, the pits will be unlined unless it is determend by the representatives of the agencies involved that the materials are too porous and would cause contamination to the surrounding area; then the pits will be lined with a gel and any other type of material necessary to make them safe and tight.

When drilling activities commence, all work shall proceed in a neat and orderly sequence.

10. PLANS FOR RESTORATION OF SURFACE

As there is some topsoil on the location site, all topsoil shall be stripped and stockpiled. (See Location Layout Sheet and Item #9). When all drilling and production activities have been completed, the location site and access road will be reshaped to the original contour and stockpiled topsoil spread over the distrubed area. Fences around pits are to be removed upon completion of drilling activities and all waste being contained in the trash pit shall be buried with a minimum of 4' of cover. The reserve pit will be completely fenced and allowed to dry before covering. When restoration activities have been completed, the location site and access ramp shall be reseeded with a seed mixture recommended by the B.L.M. District Manager when the moisture content of the soil is adequate for germination. The Lessee further covenants and agrees that all of said cleanup and restoration activities shall be done and performed in a diligent and most workmanlike manner and in strict conformity with the above mentioned Items #7 and #10.

11. OTHER INFORMATION

The Topography of the General Area - (See Topographic Map "A").

The area slopes from the rim of the Book Cliff Mountains to the South to the Green River to the North, and is a portion of the Roan Plateau. The area is interlaced with numerous canyons and ridges which are extremely steep with numerous ledges formed in sandstone, conglomerates, and shale deposits.

The majority of the washes and streams in the area are non-perennial in nature with the only two in the area having a year round flow being the White River to the Northeast and Willow Creek to the Southwest, of which the numerous washes,

11. OTHER INFORMATION - continued

draws, and non-perennial streams are tributaries to the White River.

The majority of surrounding drainages are of a non-perennial nature with normal flow limited to early spring run-off and heavy thunder-storms or rain storms of high intensity that last over an extended period of time which are rare as the normal annual precipitation is only 8".

All drainages in the immediate area are non-perennial and are tributaries to the White River.

The soils of this semi-arid area are of the Uinta Formation and Duchesne River Formation (The Fluvial Sandstone and Mudstone) from the Eocene Epoch and Quaternary Epoch (Gravels surfaces) and the visiable geologic structure consists of light brownish-gray clays (OL) to sandy soils (SM-ML) with poorly graded gravels and shales with outcrops of rock (sandstone, mudstone, conglomerates, and shales).

Due to the low precipitation average, climatic conditions, and the marginal types of soils, the vegetation thatis found in the area is common of the semi-arid region and of the lower elevations of the Uinta Basin. It consists of, as primary flora, areas of sagebrush, rabbitbrush, some grasses, and cacti, and large areas of bare soil devoid of any growth. In the areas away from and in the vicinity of non-perennial streams and in the areas that are formed along the edges of perennial streams, cottonwoods, willows, tamarack, sagebrush, rabbitbrush, grasses, and cacti can be found.

The fauna of the area is sparse and consists predominantly of the mule deer, coyotes, pronghorn antelope, rabbits, and varieties of smallground squirrels and other types of rodents, and various reptiles common to the area.

The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

The area is used by man for the primary purpose of grazing domestic livestock.

The Topography of the Immediate Area (See Topographic Map "B")

C.I.G.E. #26-26-10-21 location site sits on the top portion of a small ridge extending to the Northwest. The sides of this ridge slope gradually to the Northeast and Southwest.

The non-perennial drainages in the area drain to the Southeast into Sandwash, a non-perennial tributary to the White River.

The geologic structure of the location is of the Uinta Formation and consists of light brownish-gray sandy clay (SP-CL) with some sandstone outcrops.

The ground slopes from the Southwest through the location to the Northeast at approximately a 4% grade.

There are no occupied dwellings or other facilities of this nature in the general area.

C.I.G.Exploration Incorporated
C.I.G.E. #26-26-10-21
Section 26, T10S, R21E. S.L.B. & M.

11. OTHER INFORMATION - continued

There are no visible archaeological, historical, or cultural sites within any reasonable proximity of the proposed location site. (See Topographic Map "B").

12. LESSEE'S OPERATOR'S REPRESENTATIVE

Frank R. Midkiff
P.O. Box 749
Denver, Colorado 80201

TELE: 1-303-572-1121

13. CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by C.I.G. Exploration Incorporated and its contractors and sub-contractors in conformity with this plan and terms and conditions under which it is approved.

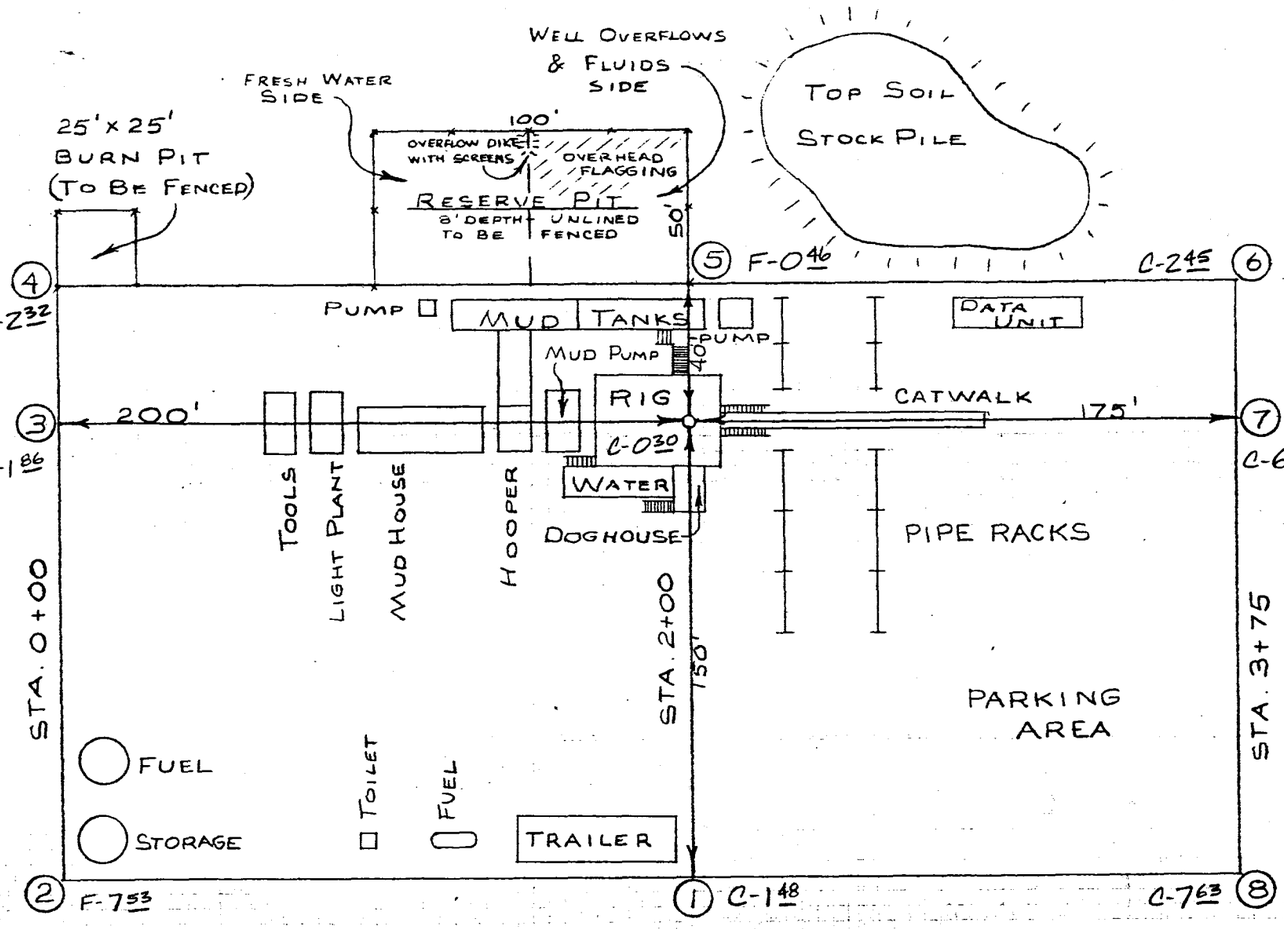
Date 9/12/78

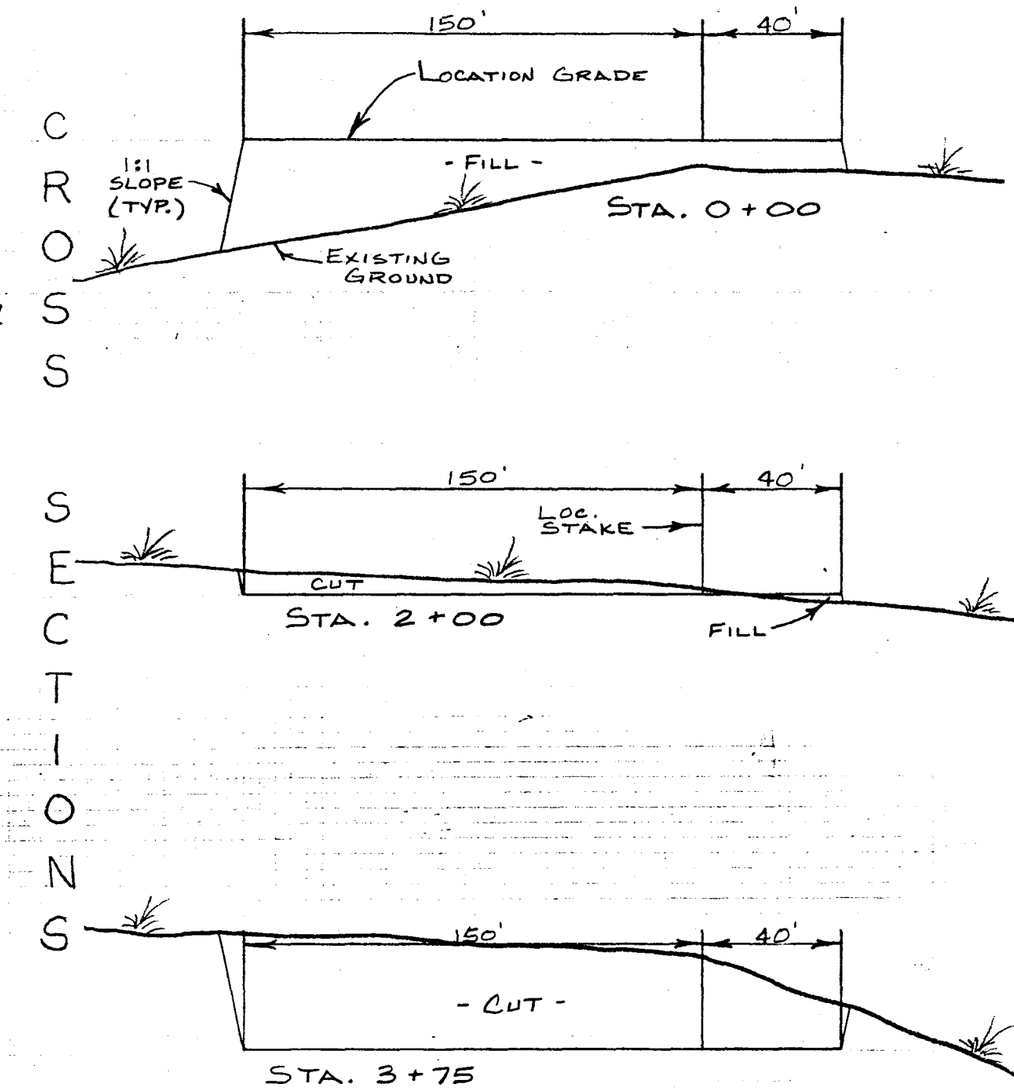
Frank R. Midkiff
Frank R. Midkiff
District Manager

C. I. G. EXPLORATION

C.I.G.E. #26-26-10-21

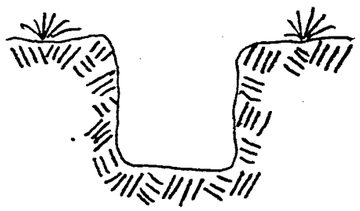
LOCATION LAYOUT & CUT SHEET



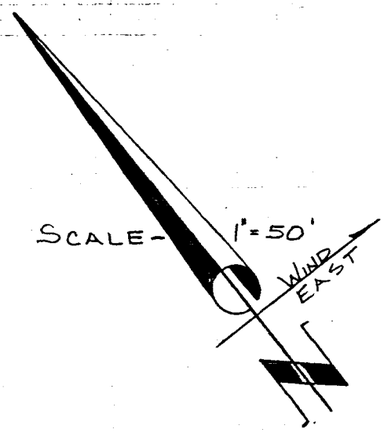


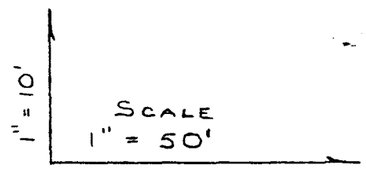
SOILS LITHOLOGY

— NO SCALE —



LIGHT BROWN SANDY CLAY (SC-CL)





APPROX. YARDAGES

CUT - 5,040 CU. YDS.

FILL - 3,120 CU. YDS.


C. I. G. EXPLORATION, INC.
C.I.G.E. #26-26-10-21
TOPO. MAP "A"
SCALE. 1" = 4 Mi.
VERNAL UTAH
OURAY
UINTAH AND OURAY INDIAN RESERVATION
R21E
R 20E
MOUNTAIN FUEL BRIDGE
PROPOSED LOCATION
WONSITS VALLEY
Pumping station
Spring Hollow
HORSESHOE BEND
Pelican Lake
Oil Company
Oil Tanks
Underground pipeline
Bonanza
Little Bonanza
Coking plant
Gilsonite
Little Emma
Ranch
Shed
Oil
Corral
Wind River

C.I.G. EXPLORATION, INC.

C.I.G.E. #26-26-10-21

TOPO. MAP "B"

SCALE 1" = 2000'

ROAD CLASSIFICATION

Medium-duty ——— Light-duty ——— ———

Unimproved dirt .....

State Route

UTAH

CIGE 7-8-10-21

CIGE 4-9-10-21

BELCO NB 12-9B

BELCO NB 7-9B

UT 88X

NB 29

NB 28

NB 22

NB 19

NB 16

Gas Well

UINTAH

OURAY UTAH 15.1 Mi.

1.1 Mi.

ABOVEGROUND PIPELINE

Storage Bin

PROPOSED GAS FLOW LINE (1.5 MILES)

BELCO NB 22-27 B

BELCO NB 18-26 B

PROPOSED LOCATION
C.I.G.E. #26-16-21

EXISTING ROAD

PROPOSED ACCESS ROAD

T10S
T11S

R21E
R22E

Prospects

JEEP TRAIL

Cottonwood

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING

NE
SW

** FILE NOTATIONS **

Date: Sept. 18-

Operator: Coy Exploration

Well No: Natural Buttes 26-26-10-21

Location: Sec. 26 T. 10S R. 21E County: Uintah

File Prepared: [ ] Entered on N.I.D.: [ ]

Card Indexed: [ ] Completion Sheet: [ ]

API Number: 43-047-30500

CHECKED BY:

Administrative Assistant: AW

Remarks: Unit Well

Petroleum Engineer: [signature]

Remarks:

Director: [signature]

Remarks:

INCLUDE WITHIN APPROVAL LETTER:

Bond Required: [ ] Survey Plat Required: [ ]

Order No. _____ Surface Casing Change [ ]
to _____

Rule C-3(c), Topographic exception/company owns or controls acreage within a 660' radius of proposed site [ ]

O.K. Rule C-3 [ ] O.K. In Natural Buttes Unit

Other:

[ ] ~~Letter written~~/Approved

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.
U-02129384

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
N/A

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☒ OTHER

7. UNIT AGREEMENT NAME
NATURAL BUTTES UNIT

2. NAME OF OPERATOR
CIG EXPLORATION, INC.

8. FARM OR LEASE NAME
NATURAL BUTTES

3. ADDRESS OF OPERATOR
P. O. BOX 749, DENVER, CO 80202

9. WELL NO.
CIGE 26-26-10-21

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
1838' FWL & 1867' FSL SECTION 26-T10S-R21E

10. FIELD AND POOL, OR WILDCAT
BITTER CREEK FIELD

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SECTION 26-T10S-R21E

14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.)	12. COUNTY OR PARISH	13. STATE
	5402' UNGRADED GROUND	UINTAH	UTAH

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other) PIPELINE HOOKUP			X
(Other) PIPELINE HOOKUP	X			(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

SUPPLEMENT TO APPLICATION FOR PERMIT TO DRILL

(1) PROPOSED GAS WELL PRODUCTION HOOKUP

(A) TYPICAL WELL HEAD INSTALLATION
(B) TYPICAL MAIN LINES AND PIPE ANCHOR DETAIL

(2) PROPOSED PIPELINE MAP

(3) PROPOSED ROAD FOR FLOW LINE AND PIPELINE RIGHT OF WAY

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING
DATE:
BY:

FOR ON-SITE CONTACT:

EDWARD N. NORRIS AT (801) 789-2773

OR

IRA K. McCLANAHAN AT (303) 473-2300

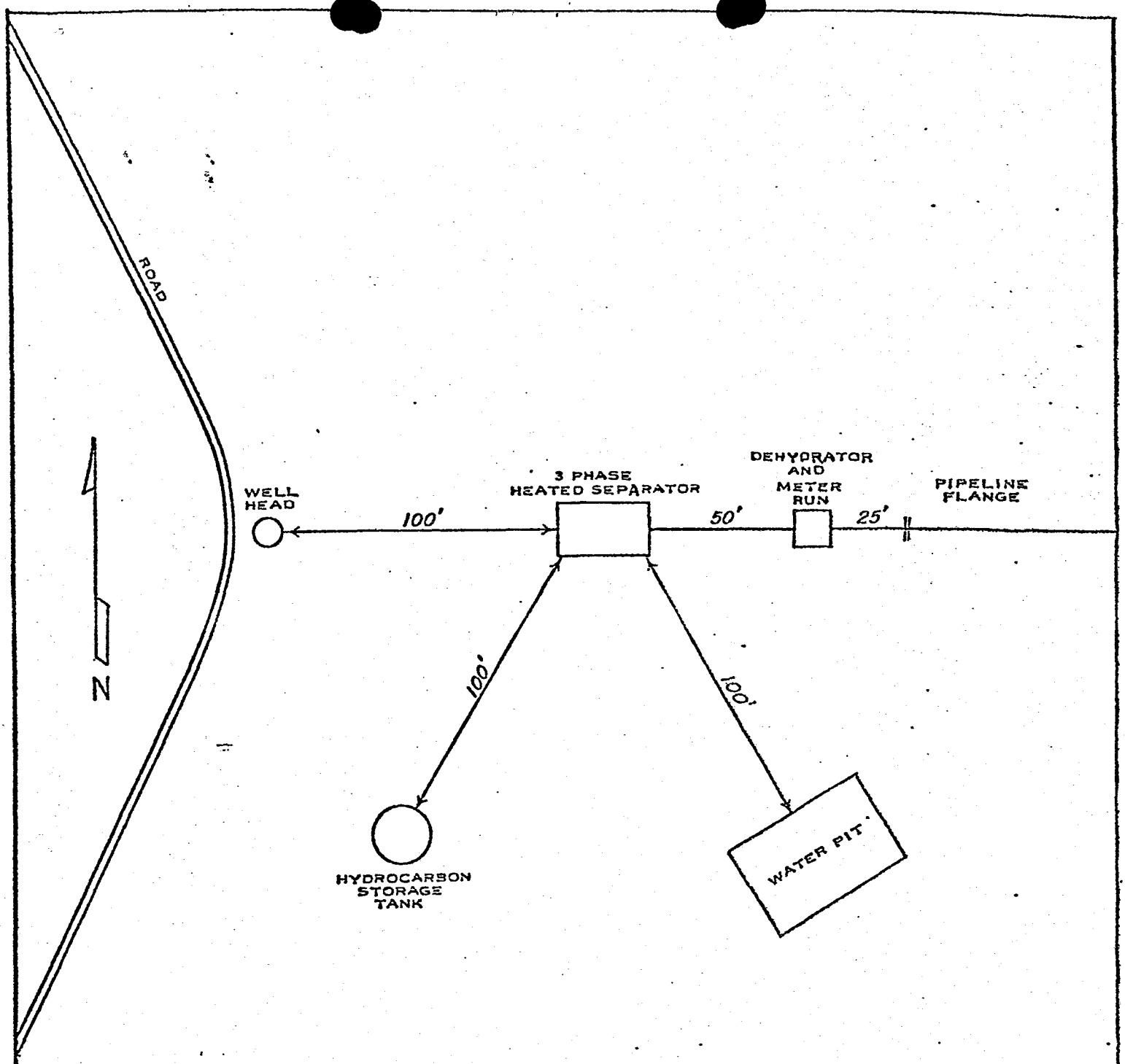
18. I hereby certify that the foregoing is true and correct

SIGNED R. G. Merrill TITLE Sr. Petroleum Engineer DATE October 2, 1978

(This space for Federal or State office use)

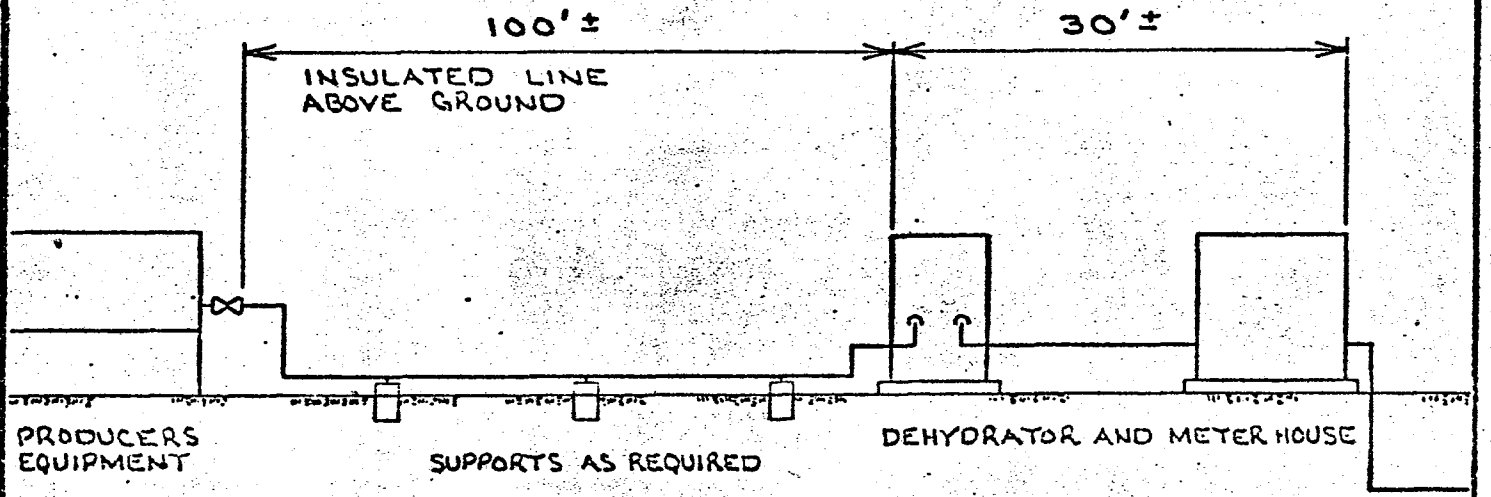
APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side



GAS PRODUCING ENTERPRISES, INC.
DENVER, COLORADO

CIGE 26-26-10-21
SECTION 26-T10S-R21E
UINTAH COUNTY, UTAH



FLOW LINE BURIED
SUFFICIENT LENGTH
FOR ADEQUATE ANCHOR

NO	C O NO	DESCRIPTION	DATE	BY	CHK	APPR

REVISIONS

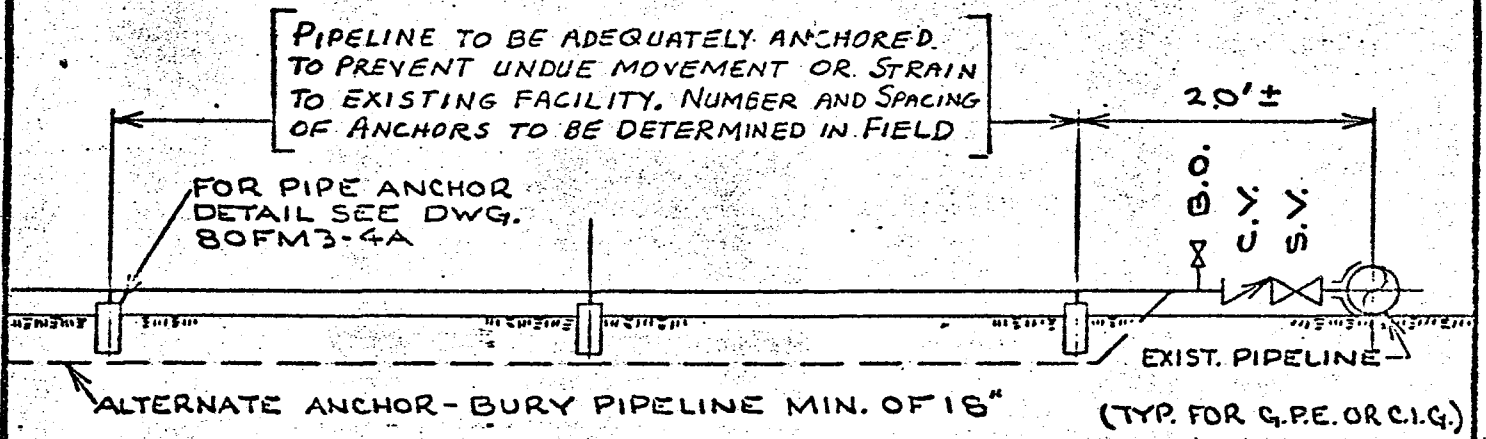
Colorado Interstate Gas Co.
COLORADO SPRINGS, COLORADO

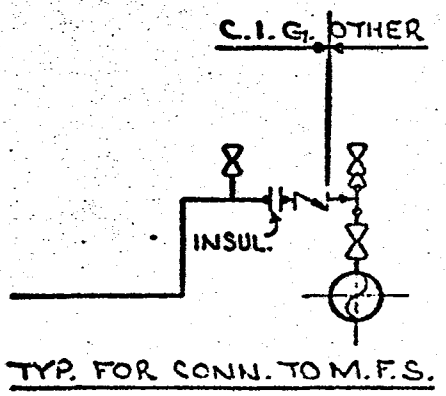
TYPICAL WELL HEAD INSTALLATION
NATURAL BUTTES FIELD

UINTAH COUNTY, UTAH

SCALE: NONE | DRAWN: RWP | DATE: 7-13-77 | CHECK: | JOB 23058

115FP-2 1/8





NO.	C.O. NO.	DESCRIPTION	DATE	BY	CHK.	APPR.
1	23858	REVISE STARTING POINT 8-22-77 RWP				

REVISIONS

Colorado Interstate Gas Co.
COLORADO SPRINGS COLORADO

TYPICAL CONNECTION TO MAIN LINES AND PIPE ANCHOR DETAIL ~ NATURAL BUTTES FIELD
UINTA COUNTY, UTAH

SCALE: NONE DRAWN RWP DATE 7-7-77 CHK. APPR. JC 23858

115FP-1 1/9

GENERAL
Form 72 – 1/69

ESTIMATE SKETCH

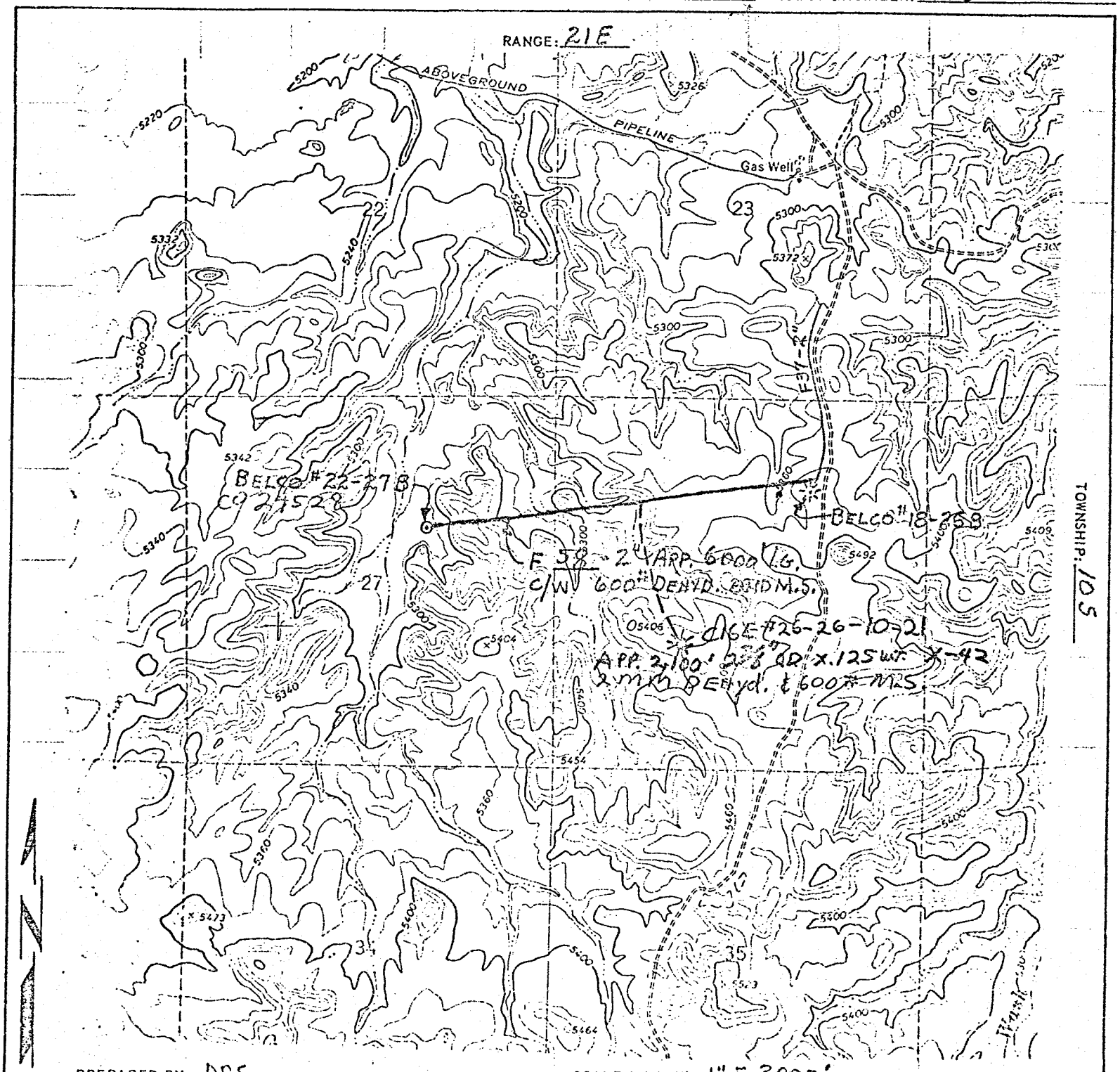
DATE: 1-27-'78
STARTING DATE:
EST. COMP. DATE:
☐ COMPANY ☐ CONTRACT

☒ COLORADO INTERSTATE GAS COMPANY
☐ NORTHWEST PIPELINE CORPORATION

W. O. NO.:
REVISION NO.: Δ 9/21/78
BUDGET NO.:
RELATED DWG.: 115FU-1

LOCATION: S 27 & 26, T10S, R21E -- NATURAL BUTTES FIELD COUNTY: UINTAH STATE: UTAH
DESCRIPTION OF WORK:
CONNECT BELCO #22-27B
Δ CONNECT CIGE #26-26-10-21

REQUESTED BY: GAS SUPPLY APPROXIMATE MILEAGE: 1.1 PROJECT ENGINEER: DDS



PREPARED BY: DDS SCALE (IF ANY): 1" = 2000'

Freehand sketch of location of proposed installation to be constructed or retired showing relative location of existing facilities in area.

September 22, 1978

Statement for permit to lay flow line, to be included with application for Drilling Permit - CIGE #26-26-10-21.

Upon approval of all concerned regulatory agencies, CIG proposed to install a surface flow line from CIGE #26-26-10-21 in a northerly direction through the SW¼ of Section 26 and the NW¼ of Section 26, connecting to a line (F58-2") from Belco #22-27B all in T10S, R21E. The line will be approximately 2,100' long as shown on the accompanying sketches.

Pipe will be 2-3/8" O.D. x .125" W.T., Grade X-42 EW. It will be butt-welded in place using portable electric welding machines, and will be laid above ground except where burial is necessary for road crossing, ditches, or other obstructions.

CIG will connect to Producer's separator and install dehydration and metering facilities within 100' of the connection.

Some damage will be incurred by trucks transporting pipe and welding equipment over the pipeline route, but surface disturbance will be held to a minimum.

ARCHEOLOGICAL - ENVIRONMENTAL RESEARCH CORPORATION

P.O. Box 17544 – Salt Lake City, Utah 84117

Tel.: (801) ~~582-0313~~ 486-0261

October 10, 1978

✓ 26

25-20-9-24

Subject: Archeological Reconnaissance for Proposed Well Locations and Associated Access Roads in the Natural Buttes Locality of Uintah County, Utah

Project: Gas Producing Enterprise - 1978 Gas-Oilwell Development in Uintah County, Utah

Project No.: GPE-78-5A

Permit No.: 78-Ut-014

To: Mr. Karl Oden, Gas Producing Enterprise, P. O. Box 1138, Vernal, Utah 84078

Ms. Maggie Dominy, CIG Exploration, 2100 Prudential Plaza, P. O. Box 749, Denver, Colorado 80201

Mr. Dean Evans, BLM Area Manager, Bureau of Land Management, Vernal District Office, P. O. Box F, 91 West Main Street, Vernal, Utah 84078

Mr. Lloyd Ferguson, District Manager, Bureau of Land Management, Vernal District Office, P. O. Box F, 91 West Main Street, Vernal, Utah 84078

Info: Mr. Richard Fike, BLM Archeologist, Bureau of Land Management, University Club Bldg., 136 East South Temple, Salt Lake City, Utah 84111

2. Legal Description of Project Area

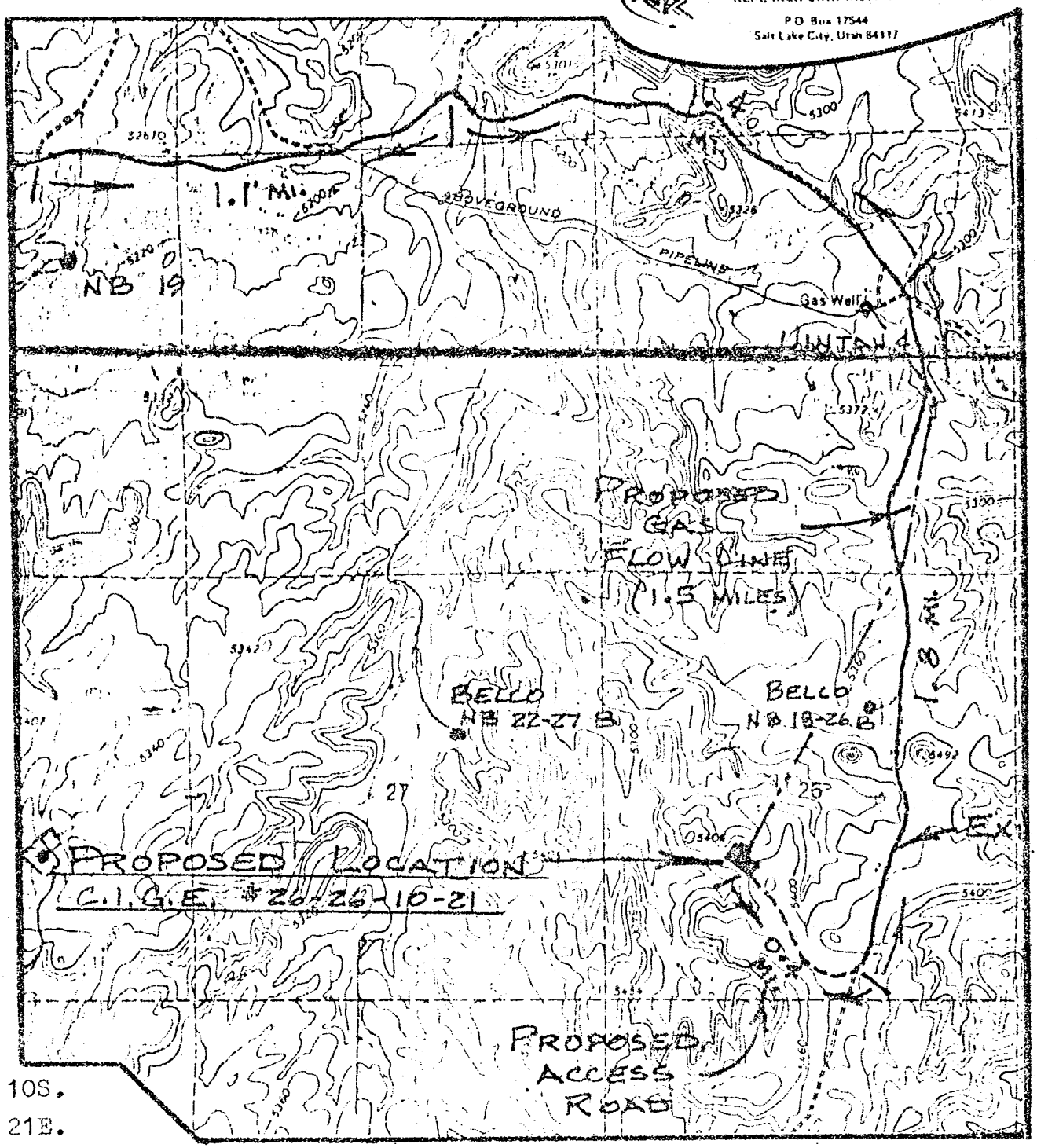
BLM Surface and Subsurface

Well #	Section	Township	Range	Access Road
25	29	9 South	21 East	Same
26	26	10 South	21 East	Same
27	18	10 South	21 East	Same
30	6	10 South	21 East	Same
31	1	10 South	22 East	Same
33	27	10 South	21 East	Section 22 also
34	13	10 South	20 East	Same
35	1	10 South	20 East	Section 11 and 12 also
38	4	10 South	21 East	Section 5 also

Ute Indian Surface and BLM Subsurface

	Well #	Section	Township	Range	Access Road
STATE —	✓19	16	9 South	21 East	Section 16 also
	✓22	15	9 South	20 East	Same
	28	21	9 South	20 East	Same
	✓ 29	23	9 South	20 East	Same
	32	20	9 South	20 East	Same
	40	20	9 South	22 East	Section 19 also

ARCHEOLOGICAL - ENVIRONMENTAL
RESEARCH CORPORATION
P.O. Box 17544
Salt Lake City, Utah 84117



T. 10S.
R. 21E.

Meridian: Salt Lake B & M

Quad: Big Pack Mtn. NE, Utah 7.5' Series

Project: GPE-78-5
Series: Eastern Utah
Date: 10/10/78

PROPOSED WELL LOCATION AND ACCESS ROAD
CIGE 26-26-20-21
NATURAL BUTTES LOCALITY
UINTAH COUNTY, UTAH

Legend:
Proposed Well Location
Proposed Access Road -----

0 5 1M
5 0 5 1Km
Scale

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MAN[redacted]
Moab District Office

Summary Report of
Inspection for Cultural Resources

BLM Use Only: Use Initials.
Case File [redacted]
Report Acceptable Yes__ No__
Mitigation Acceptable Yes__ No__
Comments:

Project Name, Developer
as Producing Enterprises

Archeological Reconnaissance for Proposed Well Locations and Associated Access Roads in the Natural Buttes Locality of Uintah County, Utah (GPE-78-5A)

Legal Description of Project Area (Attach Map Also)

See attached sheet

Institution Holding Antiquities
Museum of Ethnology and Archaeology
Brigham Young University; Provo, Utah

4. Antiquities Permit No.
78-Ut-014

Dates of Field Work
September 12 through 21, 1978

Description of Examination Procedures
Drill Pads: Parallel transects ca. 15 meters apart were performed. Each transect extended at least 15 meters beyond the marked boundaries of the pad. Access Roads: Two parallel transects were performed for each access road; each ca. 15 meters apart. In this manner a corridor ca. 30 meters (98 feet) wide was examined.

Description of Findings (Attach forms or detailed report, if appropriate)

No cultural resource sites were discovered during the performance of the surface reconnaissance.

Actual/Potential National Register Properties Affected
The National Register of Historic Places was consulted. No National Register properties will be affected by the activities described above.

Conclusions/Recommendations
1. All vehicular traffic, personnel movement, and construction be confined to the locations examined and to access roads leading into these locations; 2. all personnel refrain from collecting individual artifacts or from disturbing any cultural resources in the area; and 3. a qualified archeologist be consulted should cultural remains from subsurface deposits be exposed during construction work or if the need arises to relocate or otherwise alter the construction site.

Signature of Person in Direct Charge of Field Work
Dennis G. Weder

Signature of Title of Institutional Officer Responsible
A R Hauck

USO Form 6230-3 (July 197[illegible]

U. S. GEOLOGICAL SURVEY - CONSERVATION DIVISION

FROM: : DISTRICT GEOLOGIST, [redacted], SALT LAKE CITY, UTAH

TO : DISTRICT ENGINEER, O&G, SALT LAKE CITY, UTAH

SUBJECT: APD MINERAL EVALUATION REPORT LEASE NO. U-0129384

OPERATOR: CIG Exploration, Inc. WELL NO. CIGE 26-26-10-21

LOCATION: ½ ne ¼ sw ¼ sec. 26, T. 10 S., R. 21 E., SLM

Uintah County, Utah

---

1. Stratigraphy: Operator projects tops as follows: (tops appear reasonable)
   Surface- Uinta Fm.
   1050- Green River Fm.
   4250- Wasatch (possible gas)
   Belco Petroleum well no 18-26B Natural Buttes (nw ne same section) produced gas from the Wasatch Fm. (4826-5116).

2. Fresh Water: Fresh water likely in sands in the Uinta Fm. and upper Green River Fm. WRD reported possibility that usable water (slightly brackish) could occur to a depth of 3500± ft.

3. Leasable Minerals: Oil shale beds likely to be encountered in the Green River Fm. between 1500 and 2500 feet. Pods of saline minerals could also occur above the oil shale in the Green River Fm.

4. Additional Logs Needed: Operator proposed logs should be run through the Green River Fm. to identify extent of oil-shale beds.

5. Potential Geologic Hazards: None anticipated.

6. References and Remarks: Within Bitter Creek KGS

   Ref: USGS Files, Salt Lake City, Utah, USGS Map I-736.

Signature: James P. Kohler Date: 09-29-78

Oil and Gas Drilling

EA No. 1395

United States Department of the Interior
Geological Survey
8440 Federal Building
Salt Lake City, Utah 84138

Usual Environmental Analysis

Lease No. U-0129384

Operator CIG Exploration, Inc. Well No. 26 Natural Buttes Unit

Location NE 1/4 SW 1/4 Sec. 26 T. 10 S. R. 21 E.

County Uintah State Utah Field Bitter Creek

Status: Surface Ownership Federal Minerals Federal

Joint Field Inspection Date September 28, 1978

Participants and Organizations:

Gary Stephens	USGS
Steve Ellis	BLM
Carl Oden	CIG Exploration

Related Environmental Analyses and References:

(1) Seep Ridge (Rainbow) Planning Unit (08).

(2)

Pad 195 X 375
Pit 50 X 100
0.5 mi new access
Stockpile topsoil
3.1 ac

Analysis Prepared by: Gary Stephens
Environmental Scientist
Salt Lake City, Utah

Date September 29, 1978 Noted - G. Diwachak

Proposed Action:

On September 14, 1978, CIG Exploration, Inc., filed an Application for Permit to Drill the No. 26 Natural Buttes Unit development well, a 5,800-foot oil and gas test of the Wasatch formation of Tertiary age; located at an elevation of 5,402 ft. in the NE 1/4 SW 1/4 Section 26, T. 10 S., R. 21 E., on Federal mineral lands and Federal surface; Lease No. U-0129384. There was no objection raised to the wellsite nor to the access road.

A rotary rig would be used for the drilling. An adequate casing and cementing program is proposed. Fresh-water sands and other mineral-bearing formations would be protected. A Blowout Preventer would be used during the drilling of the well. The proposed pressure rating should be adequate. Details of the operator's NTL-6 10-Point Subsurface and 13-Point Surface Protection Plans are on file in the U.S.G.S. District Office in Salt Lake City, Utah, and the U.S.G.S. Northern Rocky Mountain Area Office in Casper, Wyoming.

A working agreement has been reached with the Bureau of Land Management, the controlling surface agency. Rehabilitation plans would be decided upon as the well neared completion; the Surface Management Agency would be consulted for technical expertise on those arrangements.

The operator proposes to construct a drill pad 195 ft. wide x 375 ft. long, and a reserve pit 100 ft. x 50 ft. A new access road would be constructed 24 ft. wide x 0.5 miles long from an existing and improved road. The operator proposes to construct production facilities on a distrubed area of the proposed drill pad. If production is established, plans for a gas flow line would be submitted to the appropriate agencies for approval. The anticipated starting date is November 1, 1978, and duration of drilling activities would be about 20 days.

Location and Natural Setting:

The proposed drillsite is approximately 14.5 miles southeast of Ouray, Utah, the nearest town. A fair road runs to within 1/2 mile southeast of the location. This well is in the Bitter Creek field.

Topography:

The overall topography of the site is gently rolling hills. The site is located near the top of a broad ridge that gently slopes to the north.

Geology:

The surface geology is Uintah formation. The soil is sandy and rocky. No geologic hazards are known near the drillsite. Seismic risk for the area is minor. Anticipated geologic tops are filed with the 10-Point Subsurface Protection Plan.

Approval of the proposed action would be conditioned that adequate and sufficient electric/radioactive/density logging surveys would be made to locate and identify any potential mineral resources. Production casing and cementing would be adjusted to assure no influence of the hydrocarbon zones through the well bore on these minerals. In the event the well is abandoned, cement plugs would be placed with drilling fluid in the hole to assure protection of any mineral resources.

The potential for loss of circulation would exist and is possible in the sandstone units of the Mesa Verde. Loss of circulation may result in the lowering of the mud levels which might permit exposed upper formations to blowout or to cause formation to slough and stick to drill pipe. A loss of circulation would result in contamination due to the introduction of drilling muds, mud chemicals, filler materials, and water deep into the permeable zone, fissures, fractures, and caverns within the formation in which fluid loss is occurring. The use of special drilling techniques, drilling muds, and lost circulation materials may be effective in controlling lost circulation.

A geologic review of the proposed action has been furnished by the Area Geologist, U.S. Geological Survey, Salt Lake City, Utah. The operator's drilling, cementing, casing, and blowout prevention programs have been reviewed by the Geological Survey engineers and determined to be adequate.

Soils:

No detailed soil survey has been made of the project area. The top soils in the area range from sandy to a rocky type soil. The soil is subject to runoff from rainfall and has a high runoff potential, and sediment production would be high. The soils are mildly to moderately alkaline and support the salt-desert shrub community.

Top soil would be removed from the surface and stockpiled. The soil would be spread over the surface of disturbed areas when abandoned to aid in rehabilitation of the surface. Rehabilitation is necessary to prevent erosion and encroachment of undesired species on the disturbed areas. The operator proposes to rehabilitate the location and access roads per the recommendations of the Bureau of Land Management.

Approximately 3.1 acres of land would be stripped of vegetation. This would increase the erosional potential. Proper construction practice, construction of water bars, and reseeding of slope-cut area would minimize this impact.

Air:

No specific data on air quality is available at the proposed location. There would be a minor increase in air pollution due to emissions from rig and support traffic engines. Particulate matter would increase due to dust from travel over unpaved dirt roads. The potential for increased air pollution due to leaks, spills, and fire would be possible.

Relatively heavy traffic would be anticipated during the drilling-operations phase, increasing dust levels and exhaust pollutants in the area. If the well was to be completed for production, traffic would be reduced substantially to a maintenance schedule with a corresponding decrease of dust levels and exhaust pollutants to minor levels. If the project results in a dry hole, all operations and impact from vehicular traffic would cease after abandonment. Due to the limited number of service vehicles and limited time span of their operation, the air quality would not be substantially reduced.

Toxic or noxious gases would not be anticipated.

Precipitation:

Annual rainfall should range from about 8 to 11 inches at the proposed location. The majority of the numerous drainages in the surrounding area are of a nonperennial nature flowing only during early spring runoff and during extremely heavy rain storms. This type of storm is rather uncommon as the normal annual precipitation is around 8 inches.

Winds are medium and gusty, occurring predominantly from south to north. Air mass inversions are rare.

The climate is semi-arid with abundant sunshine, hot summers and cold winters, with temperature variations on a daily and seasonal basis.

Surface-Water Hydrology:

No surface water exists in the vicinity of the location. The site is drained by a dry wash located 1/4 mile to the north. Cottonwood Wash, a non-perennial stream, is approximately 6 miles to the north.

Some additional erosion would be expected in the area since surface vegetation would be removed. If erosion became serious, drainage systems such as water bars and dikes would be installed to minimize the problem. The proposed project should have minor impact on the surface-water systems.

The potentials for pollution would be present from leaks or spills. The operator is required to report and clean-up all spills or leaks.

Ground-Water Hydrology:

Some minor pollution of ground-water systems would occur with the introduction of drilling fluids (filtrate) into the acquifer. This is normal and unavoidable during rotary drilling operations. The potential for communication, contamination, and commingling of formations via the well bore would be possible. The drilling program is designed to prevent this. There is need for more data on hydrologic systems in the area and the drilling of this well may provide some basic information as all shows of fresh water would be reported. Water production with the gas would require disposal of produced water per the requirements of NTL-2B.

The depths of fresh-water formations are listed in the 10-Point Subsurface Protection Plan. There would be no tangible effect on water migration in fresh-water acquifers. The pits would be unlined. If fresh water should be available from the well, the owner or surface agency may request completion as a water well if given approval.

Vegetation:

Vegetation consists of rabbitbrush, horsebrush, saltbrush, and curly grass. Plants in the area are of the salt-desert-shrub types.

Proposed action would remove about 3.1 acres of vegetation. Removal of vegetation would increase the erosional potential and there would be a minor decrease in the amount of vegetation available for grazing.

The operator proposes to rehabilitate the surface upon completion of operations.

Wildlife:

Animal and plant inventory has been made by the Bureau of Land Management. No endangered plants or animals are known to habitat on the project area. The fauna of the area consists predominantly of the mule deer, coyotes, rabbits, foxes, and varieties of small ground squirrels and other types of rodents and various types of reptiles. The area is used by man for the primary purpose of grazing domestic livestock and sheep. The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

Social-Economic Effect:

An on the ground surface archaeological reconnaissance would be required prior to approval of the proposed action. Appropriate clearances would then be obtained from the surface managing agency. If an historic artifact, an archaeological feature or site is discovered during construction operations, activity would cease until the extent, the scientific importance, and the method of mitigating the adverse effects could be determined by a qualified cultural resource specialist.

There are no occupied dwellings and other facilities of this nature in the general area. Minor distractions from aesthetics would occur over the lifetime of the project and are judged to be minor. All permanent facilities placed on the location would be painted a color to blend in with the natural environment. Present use of the area is grazing, recreation, and oil and gas activities.

Noise from the drilling operation may temporarily disturb wildlife and people in the area. Noise levels would be moderately high during drilling and completion operations. Upon completion, noise levels would be infrequent and significantly less. If the area is abandoned, noise levels should return to predrilling levels.

The site is not visible from any major roads. After drilling operations, completion equipment would not be visible to passersby of the area and would not present a major intrusion.

The economic effect of one well would be difficult to determine. The overall effect of oil and gas drilling and production activity are significant in northeastern Utah. But should this well discover a significant new hydrocarbon source, local, State, and possibly National economies might be improved. In this instance, other development wells would be anticipated with substantially greater environmental and economic impacts.

Should the wellsite be abandoned, surface rehabilitation would be done according to the surface agency's requirements and U.S. Geological Survey's satisfaction. This would involve leveling, contouring, reseeding, etc., of the location and possibly the access road. If the well should produce hydrocarbons, measures would be undertaken to protect wildlife and domestic stock from the production equipment.

Land Use:

There are no National, State, or local parks, forests, wildlife refuges or ranges, grasslands, monuments, trails, or other formally designated recreational facilities near the proposed location.

The proposed location is within the Seep Ridge (Rainbow) Planning Unit (08). This Environmental Assessment Record (EAR) was compiled by the Bureau of Land Management, the surface management agency of the Federal surface in the area. The study includes additional information on the environmental impact of oil and gas operations in this area and gives land use recommendations. The EAR is on file in the agency's State Offices and is incorporated herein by reference.

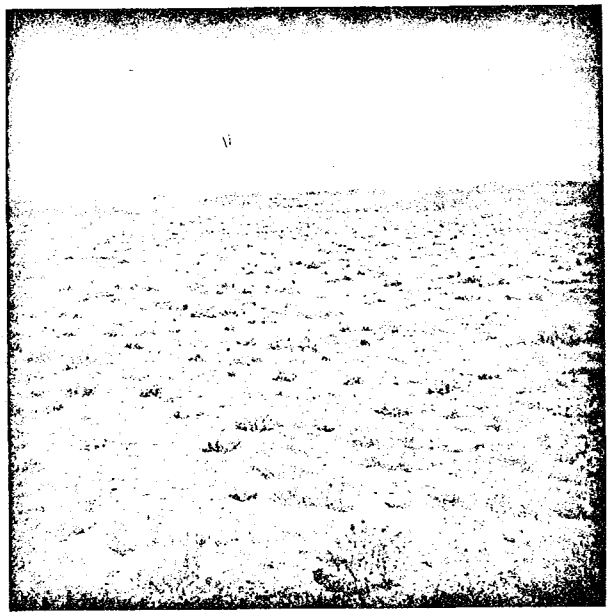
Waste Disposal:

The mud and reserve pits would contain all fluids used during the drilling operations. A trash pit would be utilized for any solid wastes generated at the site and would be buried at the completion of the operations. Sewage would be handled according to State sanitary codes. For further information, see the 13-Point Surface Plan.

Alternatives to the Proposed Action:

(1) Not approving the proposed permit -- The oil and gas lease grants the Lessee exclusive right to drill for, mine, extract, remove, and dispose of all oil and gas deposits.

Under leasing provisions, the Geological Survey has an obligation to allow mineral development if the environmental consequences are not too severe or irreversible. Upon rehabilitation of the site, the environmental effects of this action would be substantially mitigated, if not



NESW sec 26, T10S, R21E
#26 NATURAL BUTTES UNIT north
CIG EXPLORATION

totally annulled. Permanent damage to the surface and subsurface would be prevented as much as possible under the U.S. Geological Survey and other controlling agencies' supervision with rehabilitation planning reversing almost all effects. Additionally, the growing scarcity of oil and gas should be taken into consideration. Therefore, the alternative of not proceeding with the proposed action at this time is rejected.

(2) Minor relocation of the wellsite access road or any special restrictive stipulations or modifications to the proposed program would not significantly reduce the environmental impact. There are no severe vegetative, animal, or archaeological-historical-cultural conflicts at the site. Since only a minor impact on the environment would be expected, the alternative of moving the location is rejected. At abandonment, normal rehabilitation of the area such as contouring, reseeding, etc., would be undertaken with an eventual return to the present status as outlined in the 13-Point Surface Plan.

Adverse Environmental Effects Which Cannot Be Avoided:

Surface disturbance and removal of vegetation from approximately 3.1 acres of land surface from the lifetime of the project which would result in increased and accelerated erosional potential. Grazing would be eliminated in the disturbed areas and there would be a minor and temporary disturbance of wildlife and lifestock. Minor induced air pollution due to exhaust emissions from rig engines of support traffic engines would occur. Minor increase in dust pollution would occur due to vehicular traffic associated with the operation. If the well is a gas producer, additional surface disturbance would be required to install production pipelines. The potential for fires, leaks, spills of gas, oil, or water would exist. During the construction and drilling phases of the project, noise levels would increase. Potential for subsurface damage to fresh-water acquifers and other geologic formations exists. Minor distractions from aethestics during the lifetime of the project would exist. If the well is a producer, an irreplaceable and irretrievable committment of resources would be made. Erosion from the site would eventually be carried as sediment in the Green River. The potential for pollution to Cottonwood Wash could exist through leaks and spills.

Determination:

This requested action ~~does~~ does not constitute a major Federal action significantly affecting the environment in the sense of NEPA, Section 102(2)(C).

11/1/78
Date

District Engineer
U.S. Geological Survey
Conservation Division
Oil and Gas Operations
Salt Lake City District

ORAL APPROVAL TO PLUG AND ABANDON WELL

Operator CIG EXPLORATION Representative FRANK MIDKIFF

Well No. 26-26-10-21 Located NE ¼ SW ¼ Sec. 26 Twp 10S Range 21E

Lease No. U-0129384 Field Bitter Creek State Utah

Unit Name and Required Depth NATURAL BUTTES Base of fresh water sands

T.D. 5600 Size hole and Fill Per Sack 7 7/8" Mud Weight and Top 9.5 #/gal.

Casing Size	Set At	Top of Cement	To Be Pulled
9 5/8	211	circulated	

Formation	Top	Base	Shows
GREEN RIVER	1130		
Basal OS	2130		
WASATCH	4216		

Plugging Requirements

From	To	Sacks Cement
10 sx @ surface	w/ reg marker	
140	270	50 sx
980	1180	70± sx
2100	2230	50 sx
4150	4280	50 sx

Remarks

DST's, lost circulation zones, water zones, etc. Fill all holes, fence pits as needed, pick up all debris, rehabilitate as set forth in approved surface use plan

(plan to set plugs tonight — TUESDAY)

Approved by WP Martens Date 5-27-80 Time 9:00 P.M.

CC: OPERATOR w/cond of approval
BLM - VEL
GS - VEC
File - This copy

MER
Control book
Pearl

CONDITIONS OF APPROVAL FOR WELL ABANDONMENT

Company CIG Exploration, Inc. Location NE SW 26-10S-21E

Well No. 26-26-10-21 Lease No. U-0129384

A COPY OF THESE CONDITIONS SHOULD BE FURNISHED YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

1. This office should be notified sufficiently in advance of actual plugging work so that a representative may have an opportunity to witness the operation.

2. Upon completion of approved plugging, erect the regulation marker in accordance with 30 CFR 221.22 and clean up the location. The marker should not be less than 4 inches in diameter and extend approximately 4 feet above general ground level. Heap up the dirt around the base of the marker about 18 inches to take care of any settling of the cellar. The top of the marker must be closed or capped. Pits must be fenced unless approved otherwise by the district engineer.

3. The following minimum information shall be permanently placed on the marker with a plate, cap, or beaded-on with a welding torch:

   "Fed" or "Ind", as applicable.
   "Well number, location by ¼¼ section, township and range."

4. Within 15 days after well bore plugging operations are completed, form 9-331 (Subsequent Report of Abandonment) must be filed showing location of plugs, amount of cement in each, amount of casing left in hole, and status of surface restoration. If a temporary delay in removal of equipment or surface cleanup is deemed necessary and acceptable to this office, so note on this report and notify this office when such work has been completed to your satisfaction. This final abandonment report will not be approved until a physical inspection by this office and the surface management agency finds the well site in satisfactory condition.

5. If not previously filed, submit in duplicate Well Completion or Recompletion Report and Log (form 9-330), well history, electric logs, and other surveys, and if taken, core analysis and water analysis. These reports must also be filed within 15 days after completion of plugging operations.

6. You or your authorized representative should inspect the abandoned location prior to notification to this office by form 9-331 that it is ready for inspection, and note especially:

   (a) That the regulation dry-hole marker bears the correct legend as required in item 3.

   (b) That rathole and mousehole are filled, not just bridged, and pits are filled and leveled.

   (c) That all material and junk are gone. This includes deadmen protruding above the level ground surface.

   (d) That reseeding or other required restoration work has been completed.

7. The U. S. Geological Survey district office address is:

2000 Administration Building, 1745 West 1700 South
Salt Lake City, Utah 84104 Phone 524-4590
Dist. Engr. E. W. Guynn Home Phone 582-7042
Asst. Engr. W. P. Martens Home Phone 466-2780

8. The BLM contact man is: _____
Phone _____ (home)
Phone _____ (office)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING
1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771

November 19, 1979

Cig Exploration, Inc.
P. O. Box 749
Denver Colo. 80201

RE: SEE ATTACHED SHEET FOR WELLS.

Gentlemen:

In reference to above mentioned well(s), considerable time has gone by since approval was obtained from this office.

This office has not recieved any notification of spudding. If you do not intend to drill this well (these wells), please notify this Division. If spudding or any other activity has taken place, please send necessary forms.* If we do not hear from your company within fifteen (15) days, we will assume you do not intend to drill this well, and action will be taken to terminate the application. If you plan on drilling this well at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

Debbie Beauregard

DEBBIE BEAUREGARD
CLERK-TYPIST

ATTACHMENT, WELLS INVOLVED.

1) Well No. CIGE 25-29-9-21
Sec. 29, T. 9S, R. 21E,
Uintah County, Utah

2) Well No. CIGE 26-26-10-21
Sec. 26, T. 10S, R. 21E,
Uintah County, Utah

3) Well No. CIGE 29-23-9-20
Sec. 23, T. 9S, R. 20E,
Uintah County, Utah

4) Well No. CIGE 30-6-10-21
Sec. 6,. T. 10S, R. 21E,
Uintah County, Utah

5) Well No. CIGE , 31-1-10-22
Sec. 1, T. 10S, R. 22E,
Uintah County, Utah

6) Well No. CIGE 32-20-9-20
Sec. 20, T. 9S, R. 20E,
Uintah County, Utah

7) Well No. CIGE 33-27-10-21
Sec. 27, T. 10S, R. 21E,
Uintah County, Utah

8) Well No. CIGE 38-4-10-21
Sec. 4, T. 10S, R. 21E,
Uintah County, Utah

9) Well No. CIGE 54-30-10-22
Sec. 30, T. 10S, R. 22E,
Uintah County, Utah

CIG Exploration, Inc.
A Unit of Coastal States Gas Corporation
2100 PRUDENTIAL PLAZA • P.O. BOX 749
DENVER, COLORADO 80201 • (303) 572-1121

November 27, 1979

Division of Oil, Gas and Mining
1588 West North Temple
Salt Lake City, Utah 84116

Atten: Ms. Debbie Beauregard

Gentlemen: 26-26-10-21

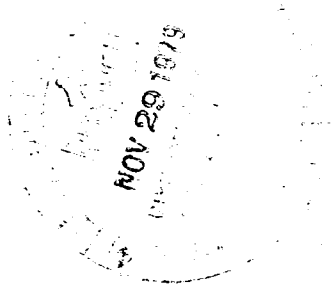
CIG Exploration, Inc., does intend to drill those wells listed in your letter of November 19, 1979. At this time, however, a definite timetable of drilling operations has not been set. We would therefore, appreciate your retaining our applications for these wells in an active category.

Sincerely,

Patricia A. Bohner
Regulatory Analyst

PAB/pm

xc: F. W. Heiser
H. Speer



ATTACHMENT, WELLS INVOLVED.

1) Well No. CIGE 25-29-9-21
Sec. 29, T. 9S, R. 21E,
Uintah County, Utah

2) Well No. CIGE 26-26-10-21
Sec. 26, T. 10S, R. 21E,
Uintah County, Utah

3) Well No. CIGE 29-23-9-20
Sec. 23, T. 9S, R. 20E,
Uintah County, Utah

4) Well No. CIGE 30-6-10-21
Sec. 6,. T. 10S, R. 21E,
Uintah County, Utah

5) Well No. CIGE , 31-1-10-22
Sec. 1, T. 10S, R. 22E,
Uintah County, Utah

6) Well No. CIGE 32-20-9-20
Sec. 20, T. 9S, R. 20E,
Uintah County, Utah

7) Well No. CIGE 33-27-10-21
Sec. 27, T. 10S, R. 21E,
Uintah County, Utah

8) Well No. CIGE 38-4-10-21
Sec. 4, T. 10S, R. 21E,
Uintah County, Utah

9) Well No. CIGE 54-30-10-22
Sec. 30, T. 10S, R. 22E,
Uintah County, Utah

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING
1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771

March 27, 1980

Cig Exploration, Inc.
P.O. Box 749
Denver, Colorado 80201

Re: See atached sheet for wells

Gentlemen:

This letter is in response to a notice dated 11-27-79, on the above mentioned wells.

We would like to know the status of these wells. Our files show that they have not been drilled as of yet. Please advise this office of any change in any of the above wells.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

Janice Tabish

JANICE TABISH
CLERK-TYPIST

(1) **Well No. Cige 26-26-10-21**
Sec. 26, T. 10S, R. 21E.
Uintah County, Utah

(2) Well No. Cige 29-23-9-20
Sec. 23, T. 9S, R. 20E.
Uintah County, Utah

(3) Well No. Cige 32-20-9-20
Sec. 20, T. 9S, R. 20E.
Uintah County, Utah

(4) Well No. Cige 33-27-10-21
Sec. 27, T. 10S, R. 21E.
Uintah County, Utah

(5) Well No. Cige 38-4-10-21
Sec. 4, T. 10S, R. 21E.
Uintah County, Utah

(6) Well No. Cige 54-30-10-22
Sec. 30, T. 10S, R. 22E.
Uintah County, Utah

PAB

CIG Exploration, Inc.
A Unit of Coastal States Gas Corporation
2100 PRUDENTIAL PLAZA • P.O. BOX 749
DENVER, COLORADO 80201 • (303) 572-1121

November 27, 1979

Division of Oil, Gas and Mining
1588 West North Temple
Salt Lake City, Utah 84116

Atten: Ms. Debbie Beauregard

Gentlemen:

CIG Exploration, Inc., does intend to drill those wells listed in your letter of November 19, 1979. At this time, however, a definite timetable of drilling operations has not been set. We would therefore, appreciate your retaining our applications for these wells in an active category.

Sincerely,

Patricia A. Bohner
Regulatory Analyst

PAB/pm

xc: F. W. Heiser
H. Speer

CIG Exploration, Inc.
A Unit of Coastal States Gas Corporation
2100 PRUDENTIAL PLAZA • P.O. BOX 749
DENVER, COLORADO 80201 • (303) 572-1121

April 2, 1980

Ms. Janice Tabish, Clerk Typist
State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining
1588 West North Temple
Salt Lake City, Utah 84116

Dear Ms. Tabish:

Enclosed is a copy of my letter dated November 27, 1979, which replied to a notice sent to us in November. Following is the present status relative to drilling operations on these wells.

1. CIGE 26-26-10-21
   Section 26-T10S-R21E
   Uintah County, Utah
   — This well is planned for the first half of 1980.

2. CIGE 29-23-9-20
   Section 23-T9S-R20E
   Uintah County, Utah
   — We plan to spud this well within the next month. We are presently waiting on BIA approval and subsequently, USGS approval for the renewal of our drilling permit.

3. CIGE 32-20-9-20
   Section 20-T9S-R20E
   Uintah County, Utah
   — The status of this proposed well is the same as CIGE 29-23-9-20.

4. CIGE 33-27-10-21
   Section 27-T10S-R21E
   Uintah County, Utah

5. CIGE 38-4-10-21
   Section 4-T10S-R21E
   Uintah County, Utah

6 CIGE 54-30-10-22
   Section 30-T10S-R22E
   Uintah County, Utah

   — The wells are planned for the latter half of 1980.

If you need any further information, please let me know.

Sincerely,

Patricia A. Bohner
Regulatory Analyst

PAB/pm

Enclosure

xc: J. F. McCormick

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: CIG Exploration

WELL NAME: CIGE 26-26-10-21

SECTION 26 NE SW TOWNSHIP 10S RANGE 21E COUNTY Uintah

DRILLING CONTRACTOR Loffland Brothers

RIG # 236

SPUDDED: DATE 4/19/80

TIME 5:00 p.m.

HOW dry hole spudder

DRILLING WILL COMMENCE 5/15

REPORTED BY Pat Bohner

TELEPHONE # 303-572-1121 ex 293

DATE April 24, 1980 SIGNED Original Signed By M. T. Minder

cc: USGS

Form 9-331
Dec. 1973

Form Approved.
Budget Bureau No. 42-R1424

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☐ gas well ☒ other

2. NAME OF OPERATOR
CIG EXPLORATION, INC.

3. ADDRESS OF OPERATOR
P. O. BOX 749, DENVER, CO. 80201

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1838' FWL & 1867' FSL
AT TOP PROD. INTERVAL: Same
AT TOTAL DEPTH: Same

5. LEASE
U-0129384

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
N/A

7. UNIT AGREEMENT NAME
NATURAL BUTTES UNIT

8. FARM OR LEASE NAME
NATURAL BUTTES

9. WELL NO.
CIGE 26-26-10-21

10. FIELD OR WILDCAT NAME
BITTER CREEK FIELD

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 26-T10S-R21E

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

14. API NO.
43-047-30500

15. ELEVATIONS (SHOW DF, KDB, AND WD)
5402' Ungr. Gr.

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	☐	☐
FRACTURE TREAT	☐	☐
SHOOT OR ACIDIZE	☐	☐
REPAIR WELL	☐	☐
PULL OR ALTER CASING	☐	☐
MULTIPLE COMPLETE	☐	☐
CHANGE ZONES	☐	☐
ABANDON*	☐	☐
(other) Spud		

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Well spudded 5:00 PM, 4-19-80. Verbal report given to U.S.G.S (Kim) and State of Utah (Janice) on April 24, 1980. Please see attached for additional details.

RECEIVED
MAY 5 1980
DIVISION OF
OIL, GAS & MINING

Subsurface Safety Valve: Manu. and Type _____ Set @ _____

18. I hereby certify that the foregoing is true and correct

SIGNED C. A. Hansen TITLE Drilling Engineer DATE April 30, 1980

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Form 9-331
Dec. 1973

Form Approved.
Budget Bureau No. 42-R1424

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☐ gas well ☒ other

2. NAME OF OPERATOR
CIG EXPLORATION, INC.

3. ADDRESS OF OPERATOR
P. O. Box 749, DENVER, CO. 80201

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1838' FWL & 1867' FSL
AT TOP PROD. INTERVAL: SAME
AT TOTAL DEPTH: SAME

5. LEASE
U-0129384

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
N/A

7. UNIT AGREEMENT NAME
NATURAL BUTTES UNIT

8. FARM OR LEASE NAME
NATURAL BUTTES

9. WELL NO.
CIGE 26-26-10-21

10. FIELD OR WILDCAT NAME
BITTER CREEK FIELD

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SECTION 26-T10S-R21E

12. COUNTY OR PARISH
UINTAH

13. STATE
UTAH

14. API NO.
43-047-30500

15. ELEVATIONS (SHOW DF, KDB, AND WD)
5402' UNGR. GR.

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	☐	☐
FRACTURE TREAT	☐	☐
SHOOT OR ACIDIZE	☐	☐
REPAIR WELL	☐	☐
PULL OR ALTER CASING	☐	☐
MULTIPLE COMPLETE	☐	☐
CHANGE ZONES	☐	☐
ABANDON*	☐	☐
(other) Status		

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Well spudded April 19, 1980.

4-20-80 thru 5-12-80 WORT

5-13-80 thru 5-15-80 MI, RURT (Loffland)

RECEIVED
MAY 20 1980
DIVISION OF
OIL, GAS & MINING

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED C. A. Hansen TITLE Drilling Engineer DATE May 16, 1980

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Form 9-331
Dec. 1973

Form Approved.
Budget Bureau No. 42-R1424

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☐ gas well ☒ other

2. NAME OF OPERATOR
CIG EXPLORATION, INC.

3. ADDRESS OF OPERATOR
P. O. Box 749, DENVER, CO, 80201

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1838' FWL & 1867' FSL
AT TOP PROD. INTERVAL: SAME
AT TOTAL DEPTH: SAME

5. LEASE
U-0129384

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
N/A

7. UNIT AGREEMENT NAME
NATURAL BUTTES UNIT

8. FARM OR LEASE NAME
NATURAL BUTTES

9. WELL NO.
CIGE 26-26-10-21

10. FIELD OR WILDCAT NAME
BITTER CREEK FIELD

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SECTION 26-T10S-R21E

12. COUNTY OR PARISH
UINTAH

13. STATE
UTAH

14. API NO.
43-047-30500

15. ELEVATIONS (SHOW DF, KDB, AND WD)
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REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	☐		☐
FRACTURE TREAT	☐		☐
SHOOT OR ACIDIZE	☐		☐
REPAIR WELL	☐		☐
PULL OR ALTER CASING	☐		☐
MULTIPLE COMPLETE	☐		☐
CHANGE ZONES	☐		☐
ABANDON*	☐		☒
(other)			

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Verbal approval to P&A received from W. P. Martens, U.S.G.S. at 9 PM, May 27, 1980.

TD: 5600'
Formation Tops: Green River 1130'
Basal OS 2130'
Wasatch 4216'

Spot cement plugs at: Plug #1 4280-4180' 50 sacks
Plug #2 2230-2100' 50 sacks
Plug #3 1180- 980' 75 sacks
Plug #4 270- 140' 50 sacks

Chronological of well attached; report of verval approval attached.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED C. A. Hansen TITLE Drilling Engineer DATE June 4, 1980

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

RECEIVED
JUN 9 1980
DIVISION OF
OIL, GAS & MINING

*See Instructions on Reverse Side

Form 9-330
(Rev. 5-63)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE (See instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☒ Other

b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other P&A

2. NAME OF OPERATOR
CIG EXPLORATION, INC.

3. ADDRESS OF OPERATOR
P. O. BOX 749, Denver, Colorado 80202

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface 1838' FWL & 1867' FSL NE SW
At top prod. interval reported below SAME
At total depth SAME

5. LEASE DESIGNATION AND SERIAL NO.
U-0129384

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
N/A

7. UNIT AGREEMENT NAME
NATURAL BUTTES UNIT

8. FARM OR LEASE NAME
NATURAL BUTTES

9. WELL NO.
CIGE 26-26-10-21

10. FIELD AND POOL, OR WILDCAT
NATURAL BUTTES FIELD
~~BITTER CREEK FIELD~~

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
SECTION 26-T10S-R21E

14. PERMIT NO.	DATE ISSUED	12. COUNTY OR PARISH	13. STATE
43-047-30500	9-19-78	Uintah	Utah

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
4-19-80	5-27-80	N/A P&A-5/29/80	5402' UNGR. GR.	UNKNOWN

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
5600'	140'	N/A	→	197'-TD	0-197'

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
N/A

25. WAS DIRECTIONAL SURVEY MADE
NO

26. TYPE ELECTRIC AND OTHER LOGS RUN
N/A

27. WAS WELL CORED
NO

28. CASING RECORD (*Report all strings set in well*)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	43.5#	197	12-1/4"	125 sx "G"	----------

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
	N/A			

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
	N/A	

31. PERFORATION RECORD (*Interval, size and number*)
N/A

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
N/A	

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*)	WELL STATUS (*Producing or shut-in*)
N/A		

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)

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JUN 9 1980
DIVISION OF OIL, GAS & MINING

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*)

TEST WITNESSED BY

35. LIST OF ATTACHMENTS
NONE

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

SIGNED C. A. Hansen TITLE Drilling Engineer DATE June 4, 1980

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: *"Sacks Cement":* Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
	NO CORES	OR DST'S	

38. GEOLOGIC MARKERS

NAME	TOP MEAS. DEPTH	TOP TRUE VERT. DEPTH
GREEN RIVER	1130'	
BASAL OS	2130'	
WASATCH	4216'	

★ U.S. GOVERNMENT PRINTING OFFICE: 1974-780-680/VIII-238

FORM OGCC-8-X

P&A

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION
348 EAST SOUTH TEMPLE
SUITE 301
SALT LAKE CITY, UTAH

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number: CIGE 26-26-10-21

Operator CIG Exploration, Inc. Address P. O. Box 749 Denver, Colorado 80201 Phone (303) 572-1121

Contractor Loffland Bros. Address 410 17th St, Ste 810 Denver, Colo. 80202 Phone (303) 571-5025

Location: NE ¼ SW ¼ Sec. 26 T. 10 ~~X~~ S R. 21 ~~X~~ E Uintah County, Utah.

Water Sands:

	Depth From	Depth To	Volume Flow Rate or Head	Quality Fresh or Salty
1.				
2.				
3.		NONE ENCOUNTERED		
4.				
5.				

(continued on reverse side if necessary)

Formation Tops:

GREEN RIVER	1130'
BASAL OS	2130'
WASATCH	4216'

RECEIVED
JUL 02 1980
DIVISION OF
OIL, GAS & MINING

Remarks:

Well P&A'd May 29, 1980

NOTE: (a) Upon diminishing supply of forms, please inform the Commission
(b) Report on this form as provided for in Rule C-20, General Rules and regulations and Rules of Practice and Procedure, (See back of form)